

LOCAL POLICY TO IMPROVE HEALTHY EATING

Roberta R. Friedman, ScM

Director of Public Policy Yale Rudd Center for Food Policy and Obesity CT Summer Symposium June 23, 2010

The Rudd Center

Strategic science

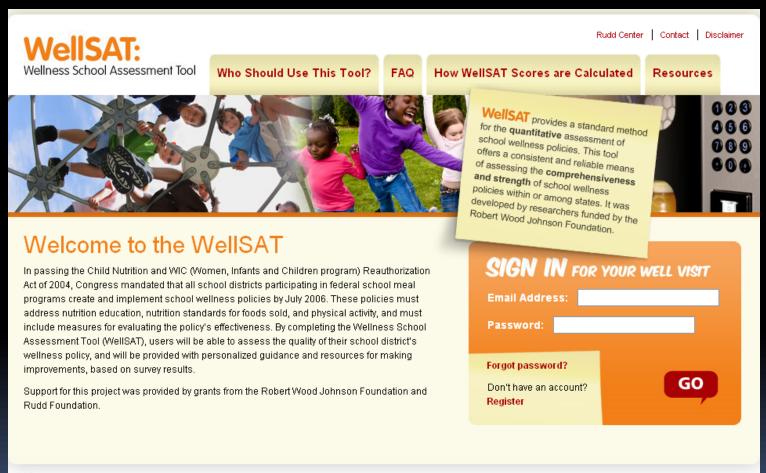


- Research on
 - sugar sweetened beverage taxes
 - food marketing to youth
 - school and pre-school nutrition
 - obesity/food insecurity link
 - menu labeling
 - weight bias
 - food and addiction

www.yaleruddcenter.org



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Quick Search

Type a cereal Company, Brand, or Variety to see its nutrition score and FACTS sheet

GO



Cereal FACTS in Brief



Nutrition Ranking for Child and Family Cereals



Top 10 Cereals by Hutrition Score



Bottom 10 Cereals by Hutrition

Just give me the FACTS!

Here are the FACTS about cereal nutrition and food marketing to children.

Cereal companies speak to children early, often, and when parents are not looking. The least healthy cereals are the ones most aggressively marketed to children, frequently in misleading and deceptive ways. Food marketing to children negatively influences the dietary choices and health of society's most vulnerable citizens. Given the childhood obesity epidemic at hand, we need meaningful solutions and real change. We're here to give you the FACTS. It's time for action.

FACTS - the Food Advertising to Children and Teens Score - was developed by health researchers at Yale University. Please explore the Cereal FACTS website to learn more about the companies, brands, cereal nutrition scores, food marketing techniques, and the science behind the FACTS.

For a detailed description about Cereal FACTS consult the Cereal FACTS Report and Cereal FACTS Report Summary.

Cereal FACTS was developed by the Rudd Center for Food Policy & Obesity at Yale

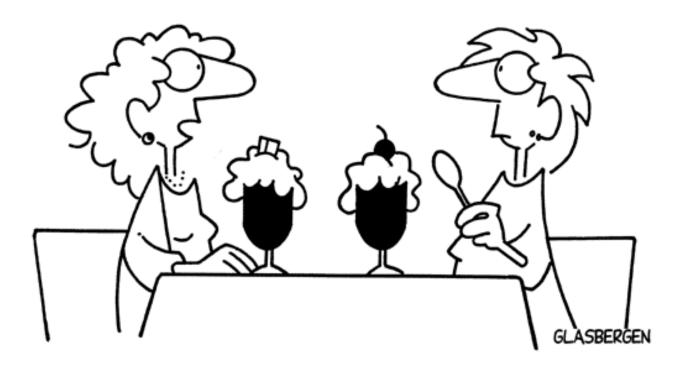
Press Release

Kids Spoon-Fed Marketing and Advertising for Least Healthy Breakfast Cereals: Researchers Release Cereal Rankings Based on Nutrition and Marketing Exposure

The least healthy breakfast cereals are those most frequently and aggressively marketed directly to children as young as age two, finds a new study from Yale University's Rudd Center for Food Policy and Obesity...

How do you define "healthy foods"?

Copyright 2003 by Randy Glasbergen. www.glasbergen.com



"If you put a crouton on your sundae instead of a cherry, it counts as a salad."

"Don't eat anything your greatgrandmother wouldn't recognize as food."

■ ENRICHED FLOUR (WHEAT FLOUR, NIACIN, REDUCED IRON, THIAMIN MONONITRATE [VITAMIN B1], RIBOFLAVIN [VITAMIN B2], FOLIC ACID), SUGAR, CORN SYRUP, SOYBEAN AND PALM OIL (WITH TBHQ FOR FRESHNESS), DEXTROSE, HIGH FRUCTOSE CORN SYRUP, CORN SYRUP SOLIDS, CRACKER MEAL, CONTAINS TWO PERCENT OR LESS OF WHEY, CORNSTARCH, SALT, MILK CHOCOLATE (SUGAR, CHOCOLATE, COCOA BUTTER, MILK), COCOA PROCESSED WITH ALKALI, MODIFIED CORN STARCH, CREAM, HYDROGENATED PALM KERNEL OIL, LEAVENING (BAKING SODA, SODIUM ACID PYROPHOSPHATE, MONOCALCIUM PHOSPHATE), NATURAL AND ARTIFICIAL FLAVOR, GELATIN, DRIED EGG WHITES, SOY LECITHIN, COLOR ADDED, XANTHAN GUM, CARNAUBA WAX, VITAMIN A PALMITATE, DATEM, NIACINAMIDE, REDUCED IRON, RED #40, PYRIDOXINE HYDROCHLORIDE (VITAMIN B6), YELLOW #5, YELLOW #5 LAKE, RIBOFLAVIN (VITAMIN B2), THIAMIN HYDROCHLORIDE (VITAMIN B1), BLUE #1, FOLIC ACID.



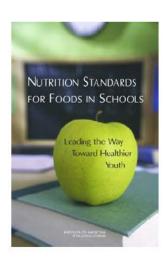
IOM standards www.iom.edu

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REPORT BRIEF • APRIL 2007

NUTRITION STANDARDS FOR FOODS IN SCHOOLS: LEADING THE WAY TOWARD HEALTHIER YOUTH

Research has shown that the school environment has a vital role in shaping children's health behaviors. The rise in obesity over the past 2-3 decades has been accompanied by an increase in the number of alternative food options available on school campuses. These "competitive foods" that are obtained from a variety of sources, including à la carte service in the school cafeteria, school stores and snack bars, and vending machines, are vying with the traditional breakfast and lunch offered through federally reimbursable school nutrition programs. Children spend the majority of their day at school, often staying for after-school activities; the foods and beverages available during and after school can contribute a number of calories to their total daily





USDA Guidelines



Dietary Guidelines for Americans 2005

U.S. Department of Health and Human Services
U.S. Department of Agriculture
www.healthierus.gov/dietaryguidelines

www.hsph.harvard.edu/nutritionsource



Policy Helps Create

Optimal Nutrition Defaults

Current nutrition default







Optimal nutrition defaults

Easiest to make healthy choices

- Public health examples
 - fluoride in drinking water
 - airbags
 - unleaded gasoline, paint

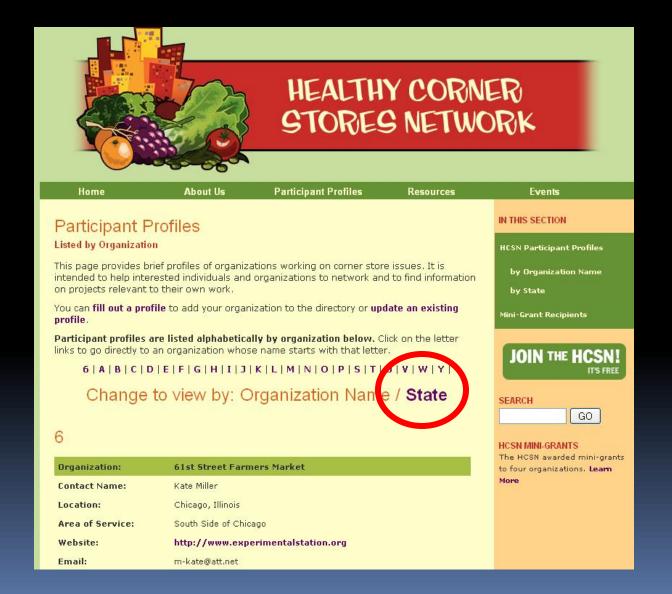
Access to Nutritious and Affordable Food in the Community



Corner Store Policies

- Research
- Benefits
 - changes default
 - tailor merchandise to community
 - develops small business
 - builds, galvanizes community

http://healthycornerstores.org





Fresh Fruit and Vegetable Carts

Resource

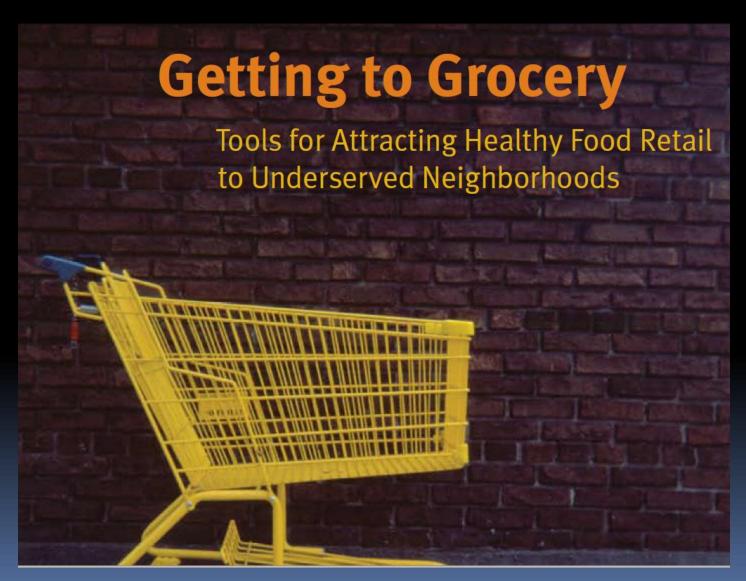
 New York City Department of Health and Mental Hygiene. Search for "Green Carts"



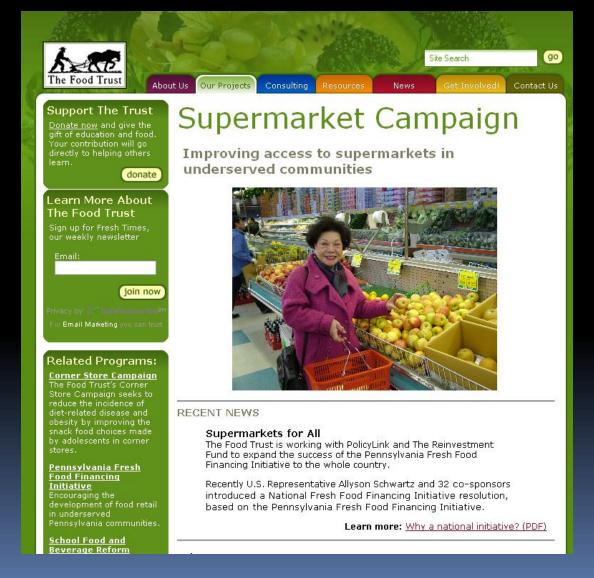
Zoning as a tool

- Incentives for supermarkets/groceries
 - Presence of full-service groceries in n'hood associated w. healthier diets, lower rates of obesity
- Turn vacant buildings/rooftops into greenhouses
 - Will Allen <u>www.growingpower.org</u>

www.phlpnet.org



www.thefoodtrust.org



Zoning

Community Gardens

- Allow use of vacant city-owned land
- Make gardens permanent

Nashville

- Community Gardening Bill sponsored by Councilmember
- Current law prohibits gardening as primary use of lots in residential districts

www.communitygardens.org





Annual Conference: August 5-8, 2010 in Atlanta, Georgia Online registration now AVAILABLE

Start a Community Garden

Click Here to Join ACGA Today!

JOIN TODAY - NEW MEMBERS GET A FREE YEAR'S SUBSCRIPTION TO RODALE'S ORGANIC GARDENING MAGAZINE Locate your nearest community garden

Add your garden to our database!



Enter State or Zip

Zip or City, State

Go

Gardening Initiative

- New Haven: Justin Frieberg
 - http://environment.yale.edu/multimedia/videoplaylist/
 - 10 minute video
 - www.urbanfoodshed.org





Zoning: FFRs

Bans

Fast Food Outlets/ Drive-through Service

"Formula" Restaurants

Application to Certain Areas

Restrictions

Quotas

Density of Fast Food Outlets

Distance from Other Uses

Partner with...

- Mayor
- City Council
- Food Policy Council
- Transportation
- Zoning, city planning

- Grocery industry
- Local farmers
- Food distributors, processors
- Hunger groups

USDA strategic plan

- Develop and equip grocery stores and other small businesses and retailers to sell healthy food in [food deserts]...
- Promote public-private partnerships to encourage grocery store and other healthy food outlet development in underserved areas, helping tackle the obesity epidemic, creating jobs, and revitalizing low-income neighborhoods.

Marketing to Children

"Marketing works."

Institute of Medicine, Food Marketing to Children and Youth: Threat or Opportunity? 2005

New Rudd Study

- How do licensed cartoon characters on food packaging affect young children's taste and snack preferences?
- Graham crackers, gummy fruit snacks, carrots
 - Ate food with or without Dora the Explorer, Shrek, and Scooby Doo
 - Which tastes better?
- Branded food packages substantially influences young children's taste preferences
 - Most strongly for energy-dense, nutrient-pooor foods.
 - Weaker effects for carrots

Research

- Massive:
 - 15 TV food ads /day
 - 5500 TV messages per year
- Not just TV anymore
- 98% of ads promote products high in fat, sugar, and/or sodium
- Industry spends >\$1.6b/yr marketing to children and teens
- Children consume 45% more when exposed to food advertising

Product tie-ins and integration

Product placements





Mobile marketing

Social media





Internet advergames



In-store marketing





Consumers

Researchers

About F.A.C.T.S

Pres



Consumers

Use the search tools to compare popular cereals for marketing techiniques aimed at children and nutritional quality.



FACTS sheets -

Quick Search

Type a cereal Company, Brand, or Variety to see its nutrition score and FACTS sheet

GO



Top 10 Cereals by Nutrition Score



Bottom 10 Cereals by Nutrition Score



10 Most Frequently Marketed Cereals to Children on TV

10 Most Frequently Marketed Cereals to Children on TV

- 1. Cinnamon Toast Crunch
- 2. Honey Nut Cheerios
- 3. Lucky Charms
- 4. Cocoa Puffs
- 5. Trix
- 6. Frosted Flakes
- 7. Fruity and Cocoa Pebbles
- 8. Reese's Puffs
- 9. Corn Pops
- 10. Froot Loops

Key findings

- Least healthy: MOST heavily marketed
- 85% more sugar, 65% less fiber, 60% more sodium (vs. adults' cereals)
- Avg preschooler sees 642 cereal ads/yr on TV alone, almost all for cereals with worst nutrition rankings
- Research shows children will eat low-sugar cereals

Worst cereal: 41% sugar

 GM markets to children more than any other cereal company

 6 of 10 least healthy cereals advertised to children made by GM



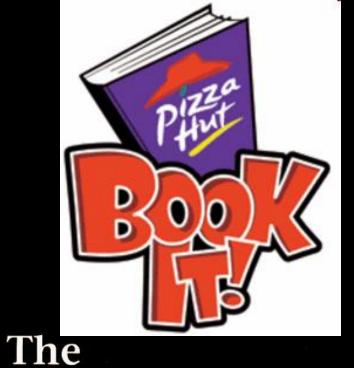
Toy Ordinance: Santa Clara County, CA





Marketing in Schools







8. S BRAND

Counting Book

Grade A Donuts I am A HOMEWORK ST

This coupon is good for two free donnts (one for the "homework star* and one for the "homework helper") at any participating Dunkin' Donuts in New York City (and surrounding areas), New Jersey, Connecticut (Fairfield County), Philadelphia (and surrounding areas), Delaware, Baltimore, or Washington D.C. (and surrounding areas in Virginia).

Coupon expires June 30, 2003



FOOD, NUTRITION & FITNESS

CAREERS

KIDS

HAVIN' FUN

ABOUT McDONALD'S SHOPPIN'

GOOD WORKS

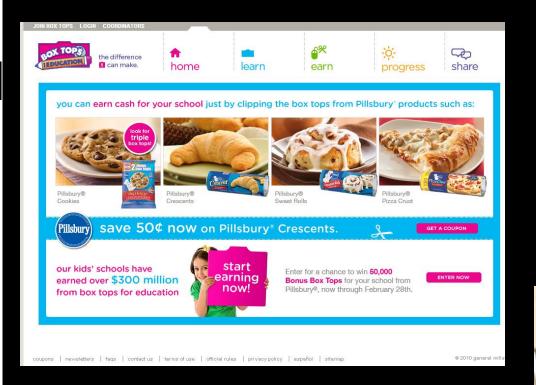


Welcome

McDonald's Educational Resources







Box tops for education

Internet in school



Fundraisers



Textbook covers (Gatorade)



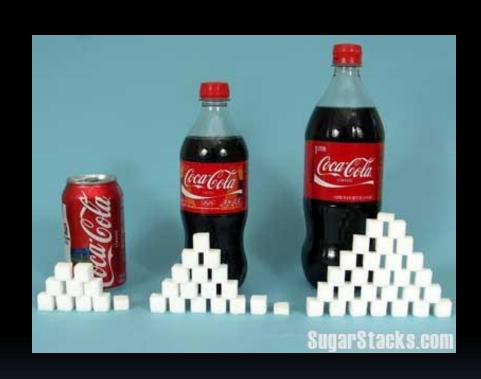
Change the default

- Eliminate from
 - Y's
 - Community centers, boys/girls clubs etc.
 - Schools
 - Wellness policy language
 - Government buildings
 - Transit systems

SUGAR-SWEETENED BEVERAGES TAXES

"Don't drink soda. There is no such thing as a healthy soda."

Why the concern?





SSBs are the primary source of added sugars in Americans' diets.

Why the concern?

- Consumption is increasing
 - 1970-2000 per-person consumption of SSBs increased 70% from 7.8 to 13.2 oz
- Strong science on link to weight gain

- Avg child = 172 cal/day
- Avg adult = 175 cal/day

Links to health problems

- Diet quality
- Weight gain/obesity
- Type 2 diabetes
- Cardiovascular disease
- Dental carries
- Osteoporosis
- No credible evidence to benefit of consumption

SSB Tax: Goals

- Reduce consumption
- Raise money for obesity prevention







Penny per ounce = 10% reduction in calorie consumption

Sufficient for weight loss.

Policies

- Local Tax
 - Earmarked
 - DC example

 Ban from all vending machines in city-owned buildings, Y's etc.

Policy Option: Increase Prices

 New study: 35% price increase on SSB = 26% decline in consumption of regular soft drinks

- Policy: at Y's, other venues, increase SSB prices substantially to decrease sales
 - Vending
 - Zoos
 - Recreation areas etc.

Where to start?

Work with local public health dept

Approach mayor, city council

State legislator



Improving Pre-school nutrition

Pre-schools

Y's, Community Centers etc.

 60% children under 5 avg 29 hours/week in childcare

41% spend >35 hrs/week

Rudd: Pre-school Study

Preliminary findings:

- Heavy consumption: processed, high-fat, and fried meats
- Inadequate intake: fruits, vegs, whole grains

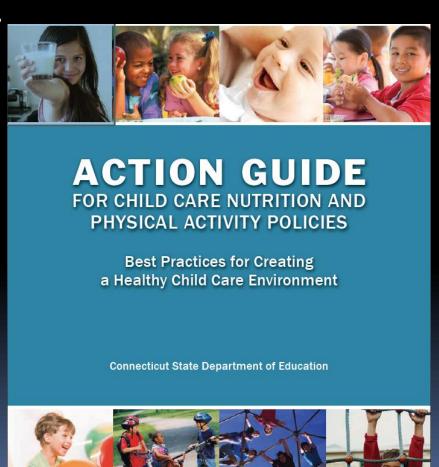


Pre-School Policies

- Institute strong nutrition standards
 - Only juice, water, low- or non-fat milk for 2 years and older (no flavored)
- Adult sits down w. children to eat CACFP meal
- Limit screen time
- Increase physical activity time (outdoors)

Excellent guide

Action Guide CT DOE



www.nplan.org

WEBINARS and TOOLKITS

- August 11, 10 AM PT / 1 PM ET
 Safe Routes to Schools
- September 21, 10 AM PT / 1 PM ET
 Sugar-Sweetened Beverage Taxes & Fees
- November 2010 (TBD)
 Improving the School Food Environment
 through Food Marketing and Vending Policies

Thank you!

Roberta R. Friedman

Director of Public Policy

Yale Rudd Center for Food Policy and Obesity

Roberta.friedman@yale.edu

www.yaleruddcenter.org

(203) 432-4717